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NUMBER 1



LADY IN A BLACK HAT by Arnold Crandall, Copper Cliff



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Don M. Dunbar, Editor

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HOW IS YOUR BRAIN-POWER?

Whether you rattled off the answer to last month's puzzle quicker than a hummingbird's shiver, or wrestled long hours over it and then had to give up, you'll still have to sympathize with Pete Leslie of Copper Cliff. Not being a poker player, he didn't know what we meant by an "inside straight", and not being a smoker he didn't know the names of any "tipped" cigarettes. This, you will have to admit, rather put Peter behind the well-known 8-ball. However, he stayed with the riddle until he'd conquered it. It took him about two hours, including the time he spent thumbing through magazines looking for cigaret ads, with pauses here and there for cartoons and bathing beauties.

Incidentally, Pete had an impression that the magazines were plugged with cigaret ads until he started looking for one. Believe it or not, he found only two full-page ads (both backcovers for Camels) in searching through Life, Pic, Collier's, Sports Afield, Saturday Evening Post, Women's Home Companion, and Chatelaine. This may be the era of the Vanishing Cigarette Ad, at last.

But to get back to the brain-power business, the right answer to the problem of the smokers was: Jones, 20 Luckies; Perkins, 15 Chesterfields; Reilly, 8 Camels; Turner, 6 Kools; Brown, 3 Old Golds.

Bill Beckett of the Electrical Dept. at Copper Cliff was first man in with the correct solution. He picked up his Triangle at midnight, he said, and had the answer before turning in at 1:05 a.m.

It must have been a stiffish riddle because the number of replies was far short of the usual heap. Others who were on the beam were Emil Peterson of Frood steel shop, L. R. Forsyth of the Metallurgical Dept. at Copper Cliff, Doug Thom of Mechanical Engineering, Ron Silver of Mining, C. M. Harrison of Personnel, and Ivan Fraser of Employment (But don't ask him how he got it, he said).

While you're waiting for Spring try your noggin on these:

TAMIE

Who in history is supposed to have died of fallen arches?

TOUGHIE

This problem was sent in by R. C. Crouse of the Storehouse at Copper Cliff. We had a fellow try it for us, and he says it's a mean little cuss. See what you think:

You have 19 trees. Plant them in a grove of nine straight rows with five trees in each row.

(We don't require that you actually go out and plant 'em. Marks on a piece of paper will do.)

PLENTY OF DETOURS

The nudists were planning a masquerade, and the ladies were worrying over what to wear.

"Well," said one, "with my varicose veins I think I'll go as a road map."



INCO'S FRONT DOOR AT COPPER CLIFF

Front Cover Sketch By Arnold Crandall

Our cover picture this month is something of a departure from the type of illustration which usually appears on the front of the Triangle, but we're marking another birthday with this issue and are celebrating by being different.

The excellent ink and pencil portrait sketch, "Lady in a Black Hat", with its striking combination of black and graded tones, was done by Arnold Crandall of Copper Cliff in 1940, while he was attending Michigan School of Mines at Houghton. It was drawn from life, and took him his Easter vacation to complete. It won honorable mention in the Upper Peninsula, Michigan, Art Exhibit.

Arnold has done half a dozen fine sketches using the ink and pencil technique but we picked this as the best of the lot. He became interested in sketching as a boy, following the example of his father, S. A. Crandall, who was a gifted student of the pen and ink style made famous by Charles Dana Gibson.

Wood-working, photography, and outdoor life are other hobbies Arnold enjoys, and he's as good at them as he is at sketching. After two and a half years in the U.S. Navy he has joined Inco's geological department, Exploration and Research section, and is at present assigned to the Creighton office. He was married in 1944 to Shelagh Taylor, and they have one son, John Taylor, two months old.

DOWN WENT MCGINTY

McGinty was proposing to a widow he had recently met.

"But I have nine children," she informed him.

"You deceiving wretch!"

"They're all working."

"Darling!"

LITTLE DID HE KNOW

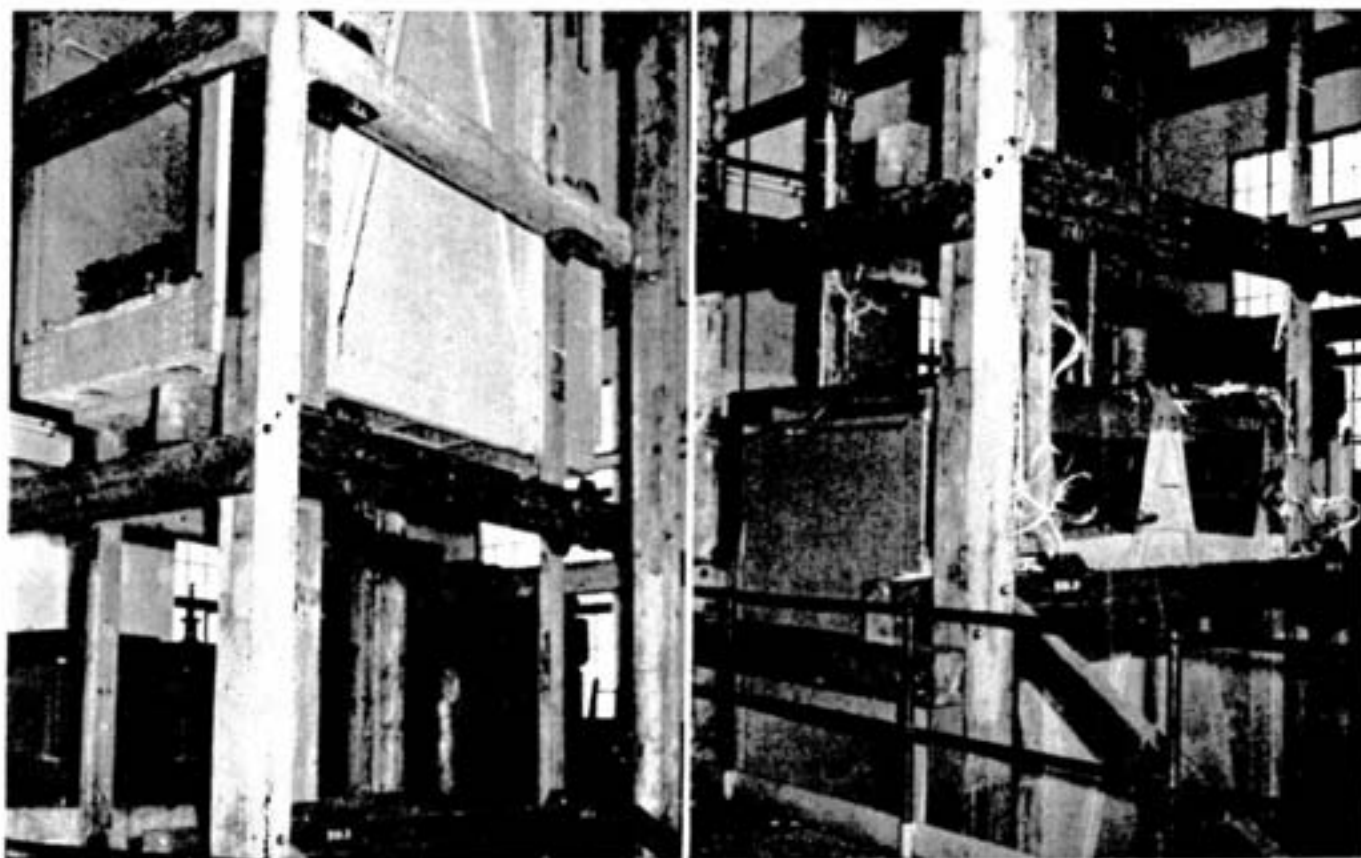
"So you and Fred are getting married," exclaimed a friend to the bride-to-be. "Why, all along I thought it was just a flirtation."

"Yes," smiled the girl, "so did Fred."



Tom Heale Made Us Just a Bit Envious

It was snowing big fat slushy snowflakes the other day when we opened a letter from Tom Heale, Inco pensioner who has spent the winter in Arizona visiting his son-in-law and daughter, Mr. and Mrs. Elwood Harris. Tom wrote that he had just come home from the ball park, where he sat in his shirt-sleeves in the warm sunshine and watched the New York Giants play the Cleveland Indians. He enclosed a snap of himself and his daughter on the Apache Trail, near Phoenix, and another snap of himself picking grapefruit. We looked out our office window again at the big fat slushy snowflakes, and wished we were Tom Heale.



Gruelling Test Demonstrates Efficiency of New Safety Dogs

All man cages at Inco Mines are being equipped with newly developed safety dogs as a final precaution against a hoisting accident.

Specially designed for large cages such as those used at the Company's mines, the mechanism developed by the Inco Mines Dept. incorporates the best features of several other types of safety dogs as well as some original features worked out after extensive research. It has passed the rigid tests laid down by the provincial Department of Mines and has been given official approval for service.

Test Leaves No Doubt

Testing of the safety dog device after it has been installed on a cage is an impressive demonstration, and leaves no doubt as to the efficiency of the mechanism. The test on each cage is made in the hoisthouse at No. 5 Shaft, Creighton Mine. There a 40-foot section of a standard cage compartment has been erected. The cage, equipped with eight of the new safety dogs, is installed between the four guides, loaded with steel rails equivalent to the weight of 50 men, and hoisted to the top of the structure by a crane. For the purpose of the test the safety dog mechanism is blocked to allow the cage a free drop of nine feet, which gives a velocity equal to that of a cage travelling at full speed in a shaft.

At a signal from Fred Pentney, master mechanic at Creighton, the release is tripped. What happens after that is far too swift for the human eye to catch. One second the cage is at the top of the compartment, poised for the plunge, as it appears in the first of the two accompanying photographs. The next second it is stopped dead halfway down in the compartment as it appears in the

second picture. Long splinters ripped from the stout B.C. fir guides show where the steel-toothed safety dogs automatically took hold and halted the 23-750-lb. load cold in its tracks within a distance of from seven to eight feet. Even at that, the rate of deceleration is carefully controlled so that it would cause no injury to the occupants of the cage.

Regular Checks in Service

Every test is closely observed by the Mines Dept., and if satisfactory the cage with its new mechanism is released for regular shaft service, where the safety dog device will be inspected every day to make certain it is operating freely, and other tests will be made periodically to assure its being in perfect working condition.

TO SKEET OR NOT TO SKEET?

That skeet-shooting challenge issued last month by Open Pit to Copper Cliff Rod and Gun Club threw the ranks of the latter into momentary confusion, but they rallied strongly and as we go to press appear none the worse for the shock.

President Paul Gurneau promptly called a conference to rally the morale of his men and map strategy. The first thing to do, it was unanimously decided, was to scalp the editor of the Triangle for printing the challenge. The next move was to be a surprise resistance followed by a swift counter-offensive on another flank.

Through its press agent, C. A. Young, the Club accordingly issued the following statement:

"We must take notice of a warm wind blowing from the Open Pit, unusual for this time of year.

"Although we are greenhorns and neophytes at the obscure form of sport known as skeet-shooting, in which we understand large clay birds are propelled at earthworm speed affording a practically stationary target, we accept this challenge. We anticipate no difficulty under the expert leadership of our coaches, C. H. Stewart and P. P. Todd, and with the sage advice and assistance of our counsel, George Valin.

Issue Another Challenge

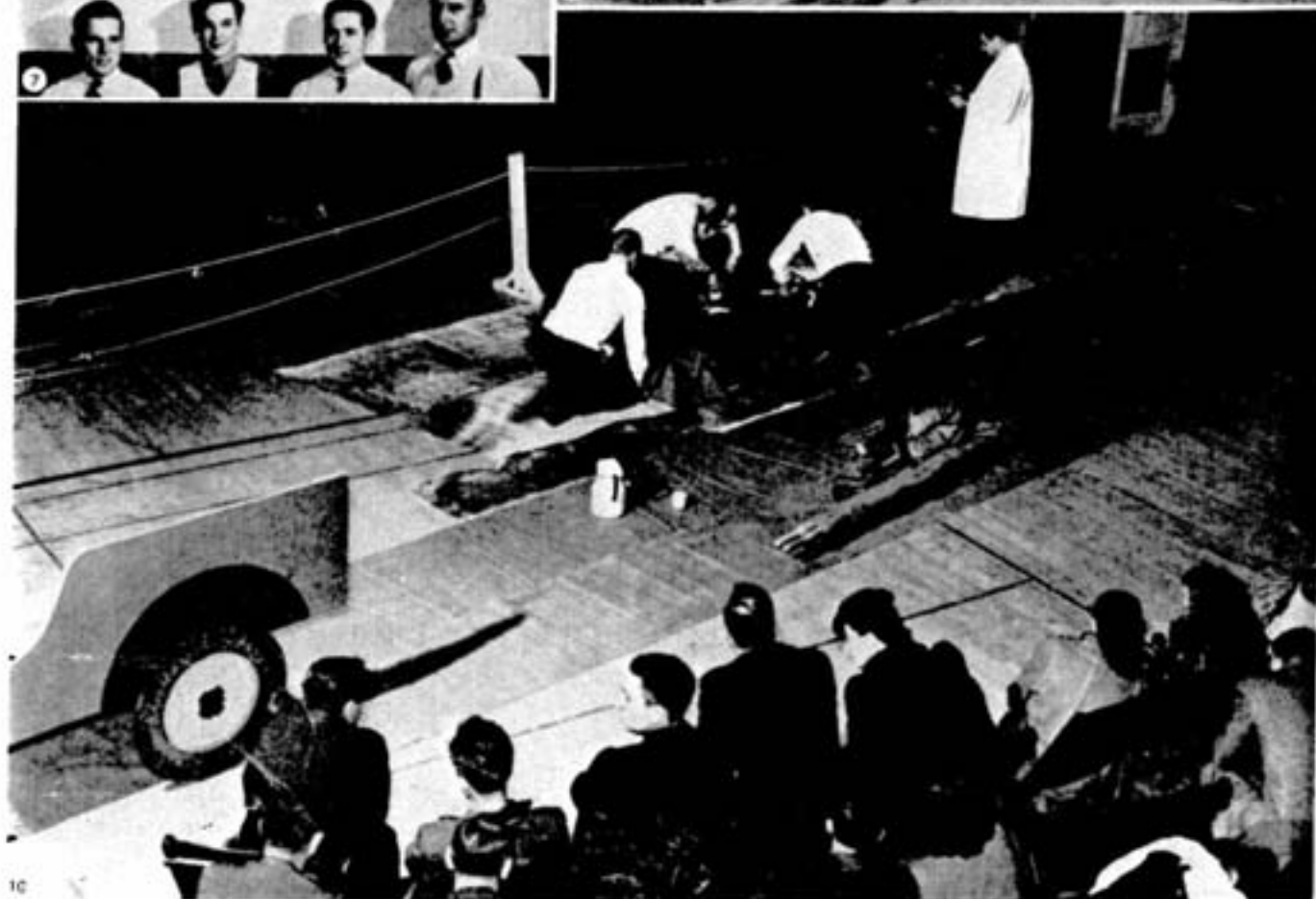
"Further, we challenge the Open Pit (if there really is such a place) to a rifle competition, although we are saddened by the realization that their accomplishments are limited to the use of scatter guns, no doubt of the automatic or machine-gun type.

"We strongly urge that they bolster their team with imports from the Sudbury Fish and Game Protective Association, the Regiment, and the Provincial Police.

"The contest is to be conducted with either an indoor target at 60 feet or an outdoor target at 100 yards, stationary or moving, live or dead, in four positions.

"No doubt our rivals will find the going difficult, so we will be happy to let them start on their feet and gradually come down to earth through the sitting and kneeling positions, and end up flat on their tummies, or on their backs if they find this position more restful."

So that, in a few carefully chosen words, is the answer of the Copper Cliff Rod and Gun Club. Now we have two challenges, one accepted and the other almost certain to be accepted. It occurs to the Triangle that this is the proper time to ask when these two groups of marksmen are going to start shooting something else besides the bull.



Garson Mine Captures Parker Shield for Inter-Plant First Aid

In one of the most exciting contests since the R. D. Parker Shield was put up for competition in 1937, Garson Mine defeated Copper Refinery for the Inco inter-plant First Aid championship before a large crowd at the Employees Club in Sudbury the evening of April 1.

The problem, set by Tom Crowther, was a tough one, full of diversions, distractions, and tricky tests which called for presence of mind and a thorough knowledge of First Aid work. Both teams were warmly commended by Chief Surgeon Dr. H. P. Mowat, who was assisted by Dr. J. H. Stanyon, on the way they handled the emergency.

In the absence of the donor, J. R. Gordon, assistant vice president of Inco, presented the Parker Shield and \$50 individual prizes to the victors. He extended his congratulations to both teams for their fine display.

Reviewing the series of elimination contests which preceded the main event for the inter-plant title, Mr. Gordon announced that under the revised plan tried out this year a total of 158 teams, comprising 948 men, had taken part in Inco's First Aid program, an all-time record. Further, although 593 men were entered for the first time, the standard of teamwork was just as good as before. Interest and enthusiasm had reached a new peak. Mr. Gordon conveyed the Company's appreciation to everyone who had assisted in making the program such a gratifying success.

Two-Ring Trouble Circus

Working out the problem in the final contest, the First Aid teams were required to ascertain and treat the injuries of a man who had been struck by a truck, and who was suffering from a laceration of the left upper arm with arterial bleeding, concussion, fracture of the right tibia, fracture of the right ribs, shock, and a bruise on the forehead. While they were busier than bees with this large assignment, a second victim was discovered in a garage nearby by his wife, who promptly threw a peach of a fit. This second patient was found to have carbon monoxide poisoning and had to be revived on a rocker stretcher. With this two-ring trouble circus on their hands, the teams really had to show their stuff, but they bore up splendidly under pressure and overlooked very few point-winning angles.

The big crowd followed the contest closely and gave each team an ovation when it completed its floor work.

Patients who gave highly realistic performances were Leo Frappier and Norm Morrow. Timekeeper was Wally McIntosh, the truck driver was Bert Debnay, and the hysterical wife, who made a great hit with the audience, was Angus Harrison.

Much enjoyed vocal selections were given by Miss Elizabeth Curtiss, a newcomer to Sudbury, with piano accompaniments played by Bill Badgley. Master of ceremonies was Tom Crowther, the major-domo of the First Aid competitions.

Garson Mine won the new H. J. Mutz trophy in the semi-final contest held for five teams from underground mines on March 24. Other teams competing, in the order of their standing, were Creighton, Levack, Murray, and Frood-Stobie. The patient had received fractures of the jaw and left femur, and two lacerations of the right forearm, in a fall from some steps. Drs. Stanyon and Lindsay conducted the examinations. Joffe Perras was the timekeeper, and Wally McIntosh was an assistant.

In the semi-final for surface plants Copper Refinery won the new D. Finlayson shield by defeating Frood-Stobie Open Pit, Coniston, and Copper Cliff, which finished in that order. They had to treat a man

who had fallen from the back of a truck in motion, and who had a fracture at the base of the skull, arterial bleeding in the palm of the hand, and a fracture of the right tibia. Drs. Stanyon and Lindsay were in charge, the patient was Andy Muir, and the timekeeper was George Quilty.

Members and coaches of the two winning teams in the semi-finals were presented with Parker "51" fountain pens by Messrs. Mutz and Finlayson.

Other Semi-Final Teams

In the picture layout on the opposite page are the other teams which reached the semi-

finals after battling their way through the eliminations at their respective plants. They are:

1. Frood-Stobie Open Pit: E. Somers (captain), C. Gattie, P. Beauchamp, J. McFadden, W. Chapman, spare; C. Varney, coach.

2. Coniston: W. McLaughlin (captain), W. Best, A. Blake, S. Smith (H. Deir, spare); E. Albert, coach.

3. Copper Cliff: M. Bennett (captain), P. Duffy, E. Hughes, P. Fairhall (J. Harrower, spare); P. Forster, coach.

4. Creighton: W. McKee (captain), O. Tuori, B. Tourigny, H. Laforge (S. Lazarenko, spare); J. Devonshire, coach.

5. Frood-Stobie: O. Ricker (captain), T. Mazza, M. McLaren, M. Kimeta (B. Fournier, spare); J. Vettorel, coach.

6. Murray: R. Plouffe (captain), W. Mun-caster, J. Hautamaki, O. Lamothe (W.

(Continued on Page 6)



Pick of the Pack

Inter-plant First Aid champions of Inco for 1948 are the Garson Mine team, seen in the top picture; seated, B. Spencer (captain), and O. Matson (coach) with the Mutz trophy which they won in the five-team semi-final for underground mines, and the Parker Shield, emblematic of the inter-plant title; back row, G. Young (spare), J. Laking, L. Tulloch, P. Morreau. In the second picture are the runners-up to Garson, the Copper Refinery team, with the Finlayson Shield awarded them for their victory in the semi-final for surface plants; seated, E. Sutherland (captain), J. Latreille (coach), back row, J. Johnson, R. Dionne (spare), J. Oalbraith, R. Desjardins.



O'Hara's Angels from Flotation Blvd. Pick Up the Chips in Shift Hockey

Concentrator battled its way to victory and the Nemis Trophy in the seven-team shift hockey league which wound up its season at Stanley Stadium April 2. The Mill men had a definite edge over the other finalist lineup from the Reverbs.

O'Hara's Angels, as the shift loop champs are known along Flotation Boulevard, are seen in the above picture with a few of their coaches and trainers: front row, left to right, Joe Sylvestre, Biggy O'Reilly, Buster Howard, Tommy Scott, Buddy Brooks, Mickey Smerke, Hank Orenon, and Jack O'Hara (manager, owner, and Keeper of the Liniment); back row, Happy Clark, Gino Gobbo, W. Jones, Tommy Mitchell, Kenny Glen, H. Duncan, Bill Salem, Bill Kennedy, Raymond Fraser, Jay McCarthy, and Stan Martin. The two mascots are Bobby O'Hara and Jackie Rogers.

Other teams which kept the shift hockey pot boiling furiously all winter were Noront Steel, Blacksmith Shop, Loco Combines, Reverbs, Orford, and Roasters. Sponsored by Copper Cliff Athletic Association, the league provided lots of good sport and fun.

The hustling executive which kept peace in the family and the schedule running smoothly was: president, Bud Montgomery; vice-presidents, Specs Telford and Bobby Kelly; secretary, Toby Armistage.

FIRST AID

(Continued from Page 5)

Tkachuk, spare; G. Scully, coach.

7. Levack; D. White (captain), G. Armstrong, A. Cucksey, A. Armstrong (W. Bushnell, spare; F. Spencer, coach).

In the other three pictures of the layout are scenes at the semi-finals:

8. The Coniston team place their patient on the stretcher after giving him swift and efficient First Aid.

9. The Murray Mine team in action, with Captain Plouffe firing a question at the doctor concerning the patient's condition, as he builds up his diagnosis.

10. General view of the accident scene at the semi-final for surface plants, with the Open Pit team on the floor.

CARRIED UNANIMOUSLY!

"Well, I think I'll put the motion before the house," said the chorus girl as she danced out onto the stage.

Many Hand Looms Used in the District

A novel project sponsored recently by the Township of McKim and held in the Red Cross headquarters in Sudbury was the three-week course in weaving conducted by Henry Longstaff of the provincial Department of Planning and Development. A class of 16, including one man, became remarkably proficient in setting up and threading looms, creating designs, and weaving attractive articles for home use or for sale. Their success may encourage a wave of interest in weaving such as has been noticed lately in the Eastern States.

In Finnish homes of the district, however, hand looms are no novelty. Frank Ojala of Copper Cliff, for example, recently made a portable hand loom which he sold to a

farmer on Long Lake. Frank, pictured below with the loom, says it will probably be loaned from farm to farm, chiefly for weaving rug rugs. His brother-in-law, Jack Maki, has made and sold half a dozen of them.

Woodwork is Frank Ojala's hobby, and



Frank Ojala and the loom he made

right now he's rushing the finishing touches to a new boat.

There were only 18 men in the miscellaneous fitters' crew at the Smelter when he joined it 19 years ago, but now there are 130 under Foreman Charlie Brownlee.

MADHOUSE MYSTERY

A nurse in a mental hospital noticed a patient with his ear close to the wall, listening intently. The patient held up a finger as a warning to be quiet. Then he beckoned the nurse over and said, "Listen here."

The nurse listened for some time and then said, "I can't hear anything."

"No," said the patient, "and it's been like that all day."

GIRLS WILL BE GIRLS

Jane: "It must be two years since I've seen you. I'd hardly know you, you've aged so."

Joan: "I wouldn't have known you, either, if it hadn't been for that dress."



A Cheerful Model

Hobby of Don Meredith, mine geologist, at Garson, is painting, although he doesn't get nearly as much time as he'd like to follow it up. Here he works on a portrait, about half finished, of his young daughter Rhys, who'll be two in July and seems to find posing a pleasant pastime. Don has done little portrait work, usually turns out beautiful landscapes which have won him many an art show ribbon.



The Grand Finale

Creighton's hockey stars of tomorrow and their dads, were guests at a banquet and entertainment staged in their honor at the Employees' Club by the Athletic Association, which sponsored the very successful league in which the kids played during the winter. Picture shows the gathering; to the right, at the head table, are R. Stephenson Sr., representing the School Board; Lionel Vancilief, captain of the bantam group; Jack Thomas, trainer; Norm Silverson, coach; Father Regan; Mel Davies, manager of the league, who was master of ceremonies for the evening; Rev. Hornsborough; Charlie Cerre, president of the Nickel Belt Minor Hockey Association, who gave a brief address; Tommy Davies, captain of the midgets; Mine Supt. Earl Mumford. Immediately facing the camera, from right to left, are five directors of the Athletic Association, Stan Dobson, Gordie Luck, Ted Whiting, Jack Connors, and Johnny Christie.

Paper Industry Is Big User of Nickel

Canadians use their weight in paper each year, K. H. J. Clarke, assistant sales manager of the International Nickel Company and formerly of the Copper Refinery, told a meeting of pulp and paper engineers at Port Arthur. Describing the importance of the paper industry, he said that the Dominion's annual consumption of paper averaged 150 pounds per person.

"Users of paper seldom think of the baffling problems which are being solved by the paper industry," Mr. Clarke said. Every day Canadian mills produce mile upon mile of paper, from tough, low-cost box boards to fine tissues. Newspapers, for instance, are printed on a finely matted web of cellulose fibres which is a notable example of the papermaker's art.

"Forming fibres into paper requires equipment made of metals which must withstand the terrific stresses and strains of grinding, beating and rolling. The equipment must bear up under steam pressures and the attack of corrosive chemicals. That is why alloys made of tough, corrosion-resistant Canadian nickel have proved extremely useful for pulp and paper processing equipment."

The same metal that adds glamour and efficiency to modern kitchens is used in paper mills in many ways, he said. Because it is durable and rustproof, it assures freedom from slime and fibre accumulation during the processing. He cited a metal stock line still in operation after 15 years. Lines made from other non-ferrous papers leaked and failed after 18 months' use, he said.

TOO LATE FOR TREATMENT

MacGregor and MacPherson decided to swear off whisky; but MacGregor thought it would be best if they had one bottle to put in the cupboard in case of illness.

After three days, MacPherson could bear it no longer and said:

"MacGregor, ah'm not verra weel today."

"Too late, MacPherson, ah was verra sick mazel all day yesterday."



Surface Team Rules the Roost In Garson Hockey

Led by Gord Young, who rattled in five of his team's talies, Surface trimmed the McIver Shift from Underground 7-5 in the fifth game of a gruelling series for the Garson Mine hockey championship.

With the count knotted at two games each, the two finalist teams staged a rousing battle at Stanley Stadium to decide a winner. The lead changed five times before Surface forged ahead in the last period and tucked the verdict away. Ernie Beaudry scored the other two goals for the victors, while Joe Cull with three and Baranowski and Perala with one each were the men who carried the mail for Underground. The losers had tough luck when one of their star defence-men, Jeff Laprairie, was forced out of the game with a leg injury.

The series wound up a sparkling season for Garson Mine Athletic Association's hockey department, and Maestro George Secker was tickled stiff. Other teams in the hotly contested loop were Jones Shift and Miles Shift.

Pictured above are the champs: front row, left to right, George Quilty, Clyde Dunsmore, Gibraltar Goslin, Tommy Armstrong, Rocci DeVuono, Jack Laking, and Alan Gemmell, mascot; back row, Jim DeVuono (coach and head rooster), Ernie Beaudry, Gord Young, Orville Cull, Jimmy Gemmell, George Morin, and Bill Kryluk.

BREAKING THE SAD NEWS

An undertaker found a donkey lying dead in front of his premises and went to inform the police.

"What am I to do with it?" he asked the officer in charge.

The officer had a sense of humor.

"Do with it?" he asked, with a grin. "Bury it, of course. You're an undertaker, aren't you?"

"That's true," replied the undertaker. "But I thought it only right to come around and inform the relatives first."



500 Years of Living

Along about mail-time in the morning you're sure to find a group of Inco pensioners gathered in the neighborly atmosphere of the Fire Hall at Copper Cliff to swap yarns, chat over old times, or enjoy the daily duel between Tommy Urwin and George Hudson. In this particular session of the Fire Hall Forum is represented almost 500 years of good living, of which 270 years was spent in Inco service. The spry old cronies are: seated, from the left, George Hudson, born 1873, retired 1938 with 36 years of credited service; Joe Gilpin, born 1899, retired 1947 with 23 years; Tommy Urwin, born 1866, retired 1931, 21 years; John Bradley, born 1870, retired 1936, 36 years; Wm. Zinkle, born 1877, retired 1942, 49 years; Gregory Lee, born 1888, retired 1946, 39 years; standing, Bill Jessup, born 1878, retired 1943, 26 years; John Burgess, born 1876, retired 1941, 35 years.

Inco Underground Development More Than 10 Miles in 1947

"Sales of nickel in all forms were the highest of any peacetime year except 1937. Sales of refined copper were the highest in the post-war period. Sales of platinum metals, however, were considerably lower," Robert C. Stanley, chairman and president, The International Nickel Co. of Canada, said in the annual report for 1947.

Mines and smelters operated continuously. Ore mined was 10,406,644 short tons and compares with an average annual tonnage of 9,996,750 for the three preceding years.

Underground development in 1947 totalled 54,790 feet, compared with 48,673 in 1946. Proven ore reserves at the year-end stood at 221,843,000 short tons containing 7,171,000 tons of nickel-copper, compared with 217,142,000 short tons containing 6,861,000 tons of nickel-copper at the end of 1946 and 212,368,000 short tons at the end of 1938, containing 6,806,000 tons of nickel-copper. Completion of the new process plant at Copper Cliff was again delayed by deferred deliveries of materials and by man-power shortage.

Capital expenditures of \$9,568,796 in 1947 compare with \$3,775,509 in 1946. Expenditures of \$12,000,000 are estimated for 1948.

Employees at the year-end numbered 19,680, comparable with 18,108 a year earlier. Exploration work and mines development program are being accelerated. Improvements in smelters, refineries and rolling mills are being made.

A number of factors make it difficult to forecast a continuing period of prospering business conditions, said Mr. Stanley.

"Inflation is the most important of these. It can be overcome only by united efforts on the part of industry, labor, and the public to bring about stabilization of the wage-price structure.

"Another factor is employer-employee relations. However, once the problem of inflation is properly solved there is no sound reason why industry and labor should not be able to solve their own differences in a spirit of amity.

"The European Recovery Program is also of major importance, for on it hinges the peace and the prosperity of the world. To make this program successful will require a wider degree of co-operative statesmanship, and a greater degree of self-sacrifice on the part of all peoples, than the world has heretofore known. The accomplishment of a just and durable peace is too vital to all of us for it not to succeed."

NOT BAD AT ALL

Two men were flying east in a passenger plane, making the first air trips of their lives. The plane touched down at St. Louis, and a little red truck sped out to its side, to refuel it. The plane landed again at Cleveland, and again a little red truck dashed up to it. The third stop was Albany, and the same thing happened.

The first of the two men looked at his watch and turned to his companion.

"This plane," he said, "makes wonderful time."

"Yep," said the other, "and that little red truck ain't doin' bad, either."



**Keep your mind
on your work** IT'S SAFER

NO TROUBLE AT ALL

A university professor — one of the absent minded type — was recently awakened by the telephone at 2 A.M. The caller inquired, "Is this one, one, one, one?"

"No," answered the professor. "It is eleven, eleven."

"Oh, pardon me," said the caller. "Wrong number. Sorry I disturbed you."

"That's all right," rejoined the professor. "I had to get up to answer the telephone anyhow."

INCO FAMILY ALBUM

Here's for another round of seven cosy homes where happiness and contentment abound. (1) Mr. and Mrs. Martin Wickstrom (Froed-Stobie) and daughter Dianna Mae, 21 mos. (2) Mr. and Mrs. Bob Stephenson Jr. (Creighton) with Gail, 8, Sandra, 6, and Cheryl, 5 mos. (3) A sleek greyhound is the centre of attraction for Mr. and Mrs. Roswell Hughes (Port Colborne), Mary Jane, 16, and Ruth, 12. (4) Mr. and Mrs. Bill Muncaster (Murray) with Pat, 7, Marion, 11, and Margaret Tralee, 1; Mrs. M. said we were lucky to catch Mr. M. at home at all, what with all this practising for the First Aid competitions. (5) Sure an' there was a card game in progress at the home of Mr. and Mrs. Joe Brannigan (Copper Cliff) between Dad, Terry, 11, and Elizabeth and Maureen, 16 and 17, with Mother and Patricia, 8 mos., as referees. (6) Mr. and Mrs. Dave Morrow (Garson) with Kenneth, 16, Joan, 14, Marlene, 6, Lloyd, 12, and Melvin, 10. (7) Mr. and Mrs. Ed Sutherland (Copper Refinery) with Joan (Mrs. Ted Yeol), Catherine (Mrs. Howard Hyde), Shirley, 15, Hazel, 17, Jack, 12, and Jane Ellen, 3.





Two Straight

Copper Cliff High School won its second straight Ontario secondary school senior hockey title March 20, defeating Kingston Collegiate 3-1 in a gruelling final game, after previously eliminating Belleville and North Bay, and winning the Nickel Belt championship for the ninth year. In the front row are the school's cheerleaders, Shirley King, Pat Bell, and Amy Wulff; second row, Derno Minardi, Jim Lee, Maurice Farrell, Gino Pollisel, Dario Nicoli, Louis Core, G. M. McClelland, coach; back row, Stanton McClelland, Garwood Shields, John Birney, Gordon Bennett, Harry Bellay, Charlie Tuttle, Don Lenihan, Keith Cleland, Bill Pakkala, John Flynn.



33 Years In Inco, Howard M. Ringer Joins Pensioners

The ranks of Inco pensioners received a well-known addition last month when Howard Ringer retired from active service with the Company after some 33 years on the job.

Although a disability forced him to take a permanent rest, Howard is going to make a large dent in the Retirement System bank-account if he has inherited his family's penchant for living a long time. His father, residing in Smith's Falls, is 95 years old and his uncle is 93.

Born at Smith's Falls in 1888, Howard landed his first job as timekeeper in a farm machinery factory. In sport he excelled at hockey, baseball, and lacrosse, and when he

was 20 he went West to the sports-minded town of Boissevain, Man., to play hockey. He starred at centre ice on the team which won the Manitoba and East Sask. championship in 1911.

He came to Copper Cliff in 1915 as timekeeper at the roast yard at the West Scales, and still remembers clearly the excitement in the office when Supt. John O'Donnell proudly announced that the yard had handled the record quantity of 3,800 tons of ore in one month's roasting. Ab Elliott was the dispatcher in those days and he probably recalls the historic occasion too.

Chief of Froid Time Office

In 1916 Howard transferred to Crean Hill as mine clerk and subsequently saw service at Big Eddy and Creighton, and with Fraser-Bruce during the 1921 layoff. He was stationed at Creighton as mine clerk from 1923 to 1928, and at Froid from 1928 until his retirement on March 1. He succeeded Jim Regan as chief of the Froid time office, and his successor is O. E. Penman, who was transferred from Levack.

He was married at Creighton in 1925 to Henrietta McMillan (nee Newman) of Sudbury, and they have a family of four: Marian (Mrs. M. Bishop) of Quebec City; Albert, of the Keyes Supply Co. staff; Howard Jr., of the Copper Refinery; Hazel, at school. Other members of the family through Mrs. Ringer's previous marriage are Walter, of the permanent Canadian Army; Norma (Mrs. Wally Beaupre) of Kingston; Doris (Mrs. Roy Pelletier) of Kingston. A daughter Marguerite died in 1928.

Fond of gardening, Howard plans to devote a good deal of time to this hobby, and other horticulturists along St. Brandon Street will have to step up their activities to match his home grounds.

There was a large turnout of both senior and junior members of the Accounting division at the retirement dinner held in How-

ard's honor at the Copper Cliff Club, when a presentation was made to him. Efficient and conscientious in his work, he holds the respect and admiration of a wide circle of friends, all of whom sincerely hope the easy life will restore his health and give him many years of contentment.

Clip It Close, Water It Well

Now's the time to start thinking about the lawn, says Bob Grigor, Inco's chief gardener. Whether your problem is to start a new lawn or to patch up the bald spots in last year's effort, you should in his opinion be giving the matter some pretty serious thought these days. There's nothing like a nice lawn to set off a man's pride in his home.

One of the main reasons for failure of grass to grow, Bob will remind you, is starvation of the soil, and the answer to this, of course, is the use of a fertilizer.

"Sulphate of ammonia, used at the rate of about five pounds per 900 square feet of lawn and applied a few days before seeding, adds valuable nitrogen to the soil and is just what the grass needs," advises Robert.

If you're renovating your lawn, two pounds of seed for 500 square feet of grass is about right, he says. But it's on the upkeep of a lawn that he puts special emphasis. Here's his recipe:

Clip Close, Water Thoroughly

"Keep the grass close clipped and well watered. This helps it spread and insures proper growth. Always water in the early morning or late afternoon, and a good soaking once a week is better than a sprinkle every day because it helps keep the roots away from the surface.

"If you're making a new lawn don't be afraid to put in a little extra work in the beginning, because it will pay big dividends later.

"If the soil is poor, two or three loads of good quality black loam should be spread on top of the lawn area.

"The ground should be well cultivated to a depth of at least four inches. Add the fertilizer a few days before seeding, and, after the seed is in, roll the ground and then rake lightly.

"When the grass is one and a half inches high, start mowing. If it is cut at least once a week the clippings should not be picked up but left where they fall to add humus to the ground.

"And," Bob adds as a little afterthought, "as soon as you get a nice catch showing green over your ground, don't kid yourself that it does it any good to start manicuring it with a nibbler or a croquet mallet. After all, a lawn has its self-respect, just like anything else."

Two Titles For Nickel Belt Badminton Stars

Ovide Gauthier kept the Nickel Belt in the Northern Ontario badminton picture at Timmins last month when he teamed with his brother Fritz to win the men's doubles title and with Margaret Wilson of Copper Cliff to take the mixed. Bob Laidlaw of the Porcupine Club beat him in the finals for the singles championship.

The tourney was the first Northern Ontario event since 1942, when Sudbury won three titles and the Porcupine players took two. A strong contingent entered from Sudbury, many of them making the trip by plane. Andy Winn and Johnny Saganiewicz of Sudbury won the men's singles consolation, and W. Evot and S. Crawford of Sudbury took the mixed doubles consolation. Next year's tournament will be held in Sudbury.

"On Wings of Song"



This group of serious citizens, earnestly applying themselves to the art of producing vocal harmony, is the Sudbury Chapter of the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America, Inc.

It is the only Northern Ontario unit of an organization which started in Tulsa, Oklahoma, in 1938 with 17 members, now is international in scope with 27,000 enthusiastic adherents in the United States, Canada, and Alaska, and is spreading like the morning sunshine.

Every Sunday afternoon and Tuesday evening the boys get together in Bert Bainard's insurance office and, under the direction of Carl Sundholm, blend their voices in the good old songs.

One of their objectives is community service. They want to train themselves so they can split into quartets which will be available to entertain in hospitals or wherever else the message of music is welcome. They also want to build a 100-voice male choir to sing at concerts in Bell Park during the summer.

They are so sold on the good fellowship and "lift" they get out of their singing sessions that they want to start more groups at other centres in the district, so that Sudbury can have Barber Shop Quartet festivals like the ones which are so popular in Southern Ontario and all through the States.

They don't sound quite like the Four Gentlemen in Studio A just yet but, listening to them for awhile, and watching the obvious pleasure they get out of their hobby, you remember that harmony is one thing the poor old world isn't too well supplied with these days, and you think perhaps the delegates to the United Nations might do a lot worse than to forget their bitter speech-making and organize themselves into a Barber Shop Quartet chapter.

Inco men in the group include Jack Collison and George Hunter of Copper Cliff, Clem Smith, Sid Woodley, Stan Kerley, and Jerry Oke of Frood, and Johnny Walker of Garson. Organizer and president of the Sudbury Chapter is Bill Loughheed, and secretary is R. Wilcox.

It's a good wholesome sort of a thing, is the Barber Shop Quartet movement, and we wish it well in all its endeavours.

Complete success is not purchased at any one time, but rather on the installment plan. — Fraternal Monitor.

SIX TEAMS IN N.B.A.

Last season's six-team league will function without change in the Nickel Belt Baseball Association this year. Teams will be Shamrocks, Frood, Copper Cliff, Coniston, Creighton and Garson.

George (Barney) Barnett of Creighton commences his fourth successive term as president of the league. Joe MacDonald of Copper Cliff assumes the mantle of vice-president, succeeding Jack Duncan of Copper Refinery, who declined to accept office again. George Grace, news editor of the Sudbury Daily Star, is secretary, and Jerry Mahon of Copper Refinery is treasurer. Chester McConkey of Falconbridge continues as honorary president.

Honor Mike Goga For Life-Saving

Mike Goga of Copper Cliff Smelter has been awarded a parchment certificate by the Royal Canadian Humane Association for his act of heroism on Feb. 24, 1947, when he saved two children from drowning in Junction Creek.

Eddie Haapala, aged 6, son of Mr. and Mrs. H. Haapala, and Patricia Hall, 5, daughter of Mr. and Mrs. Elwood Hall, were the two children Mike rescued. Judy Hall, 3, Patricia's sister, although also rescued, died from shock and exposure an hour later.

The children were sledding down a hill, and Patricia's sled went over the creek bank and into the open channel. When Eddie attempted to pull her out, he too fell in. No one recalled having seen Judy fall in. Mrs. Goga heard the cries of the children and called her husband.

Reluctant about his feat and the high recognition awarded it, Mike says he never loses a chance to warn the kiddies in his neighborhood to be careful about playing near the creek, and he is gratified that there have been no other drownings in that section since February of last year.

Mike is a Czech by birth and a Canadian by naturalization. He is a veteran of five years' service in the Second Great War.

SCOUTS GET INSTRUCTION

Safe handling of firearms was the theme of a course of instruction given Boy Scouts by members of the Copper Cliff Rod and Gun Club at the Memorial Community Hall range. Members of the Club personally supervised the series of demonstrations, giving the Scouts pointers on marksmanship as well as on the proper handling of a gun. Some of the targets punctured by the students made their mentors more than a little jealous.

EASY STEPS FOR LITTLE FEET

Hubby: "How did you get the baby to eat olives?"

Wife: "It was easy — I just started him on Martinis."



Many Inco Plants Represented On Gatchell Championship Team

Many Inco families are represented in the lineup of the Gatchell bantam hockey team, 1948 champions of their division in the Nickel Belt Minor Hockey League. Here's the roster, with the name of the Inco plants at which fathers of most of the boys are employed: front row, W. Moskil (Smelter), B. Taylor, B. Pelletier (Creighton), R. Prattini (Smelter), G. Rossier (Frood), R. Noble (Creighton),

Police), P. Perron (Smelter); back row, Alf Pellatt, coach, Open Pit, R. Pierce (Refinery), W. Rannilli, T. Rannilli, S. Knight, R. Miller (Smelter), J. Pellatt (Open Pit), Jack Beer, assistant coach, Smelter. Gatchell also produced the Nickel Belt midget hockey champions for 1948, and both teams will enter the all-Ontario finals in their divisions.



Different Type Of Filter Gets Trial at Mill

Something new in the way of equipment, as far as Inco operations are concerned, caused more than a ripple of interest up at the Copper Cliff Concentrator last month.

The innovation at the big "ore laundry" was a different type of filter, installed with customary precision and despatch by the Mechanical Dept. and turned over to the Mill men for better or for worse.

When you say filter up at the Mill, you're not referring to any little wad of cotton to strain the nicotine out of cigaret smoke; you're talking about a massive cylindrical machine with great suction power.

Too Wet for Smelting

During the process of crushing, grinding, and separation to which ore is subjected in the Mill to rid it of waste material and also to divide its nickel and copper components, it picks up a lot more water than is good for it as far as the smelter is concerned. So, before it hits the conveyor trail to the furnaces, it has to be dehydrated.

This is the work of the battery of filters. The ore pulp is fed to them and they pick it up in even layers on their huge revolving drums. As the drum revolves a powerful vacuum goes to work, drawing off the water from the pulp. By the time the drum reaches its discharge point the pulp has become a slightly moist concentrate ready for the first stage of smelting.

Hitherto dewatering at the Mill has been done with filters of the Inside Drum type—that is, the pulp is picked up on the inside of the revolving drum and the vacuum draws the water outward through a filter cloth. The new unit installed last month is the Outside Drum type—the pulp is picked up on the outside of the drum and the water is drawn inward through the cloth.

The men at the Mill expect several advantages from the new type of machine. It will allow a longer drying period for its load of pulp due to its lower point of discharge, and removal of water toward the inside of the drum should require less power. It has a larger surface area. Whereas the filter cloth must be changed about every two months on the Inside Drum type, it is thought that a cloth on the Outside Drum unit will last a great deal longer. Whether or not these and other advantages will offset the known advantages of the Inside Drum type remains to be seen. In the meantime the Inside Drum machines carry on as usual.

Takes a Big Blanket

The accompanying pictures were taken during installation and testing of the Outside Drum filter. In the first snap the filter cloth is being fitted to the drum; 18½ feet wide and 48 feet long, it would make a lot of pup tents. Perched on top are Basil Lang and Andy Anderson, and the miscellaneous fitter down below is Pete Collin. The second picture shows the filter on a test run, dropping its load of concentrate on to a conveyor belt; completing one revolution every four minutes, it will dewater almost 900 tons of concentrate in 24 hours. The third snap shows how the filter cloth is tied into position with 9000 feet of continuous bright steel wire.

Every day of the week, somewhere in Inco, an important new development, either technical or mechanical, is being tried out. It's a show that's never over, thanks to the Company's ceaseless search for better methods. So here's good luck to Outside Drum—may it accomplish what is hoped of it.

Scholarship Winners Scored High Averages

Fifty dollar scholarship awards to the boys with the highest standing in each of the four years of the mining course at Sudbury Mining and Technical School, awarded annually by Inco, were won this year by Wayne Wilson, grade 9, with 83%; Eino Rantala, grade 10, 82%; Morris Wlasy, grade 11, 80%; Vincent Bozzer, grade 12, 89%.

Presentation of the scholarships was made by I. J. Simcox, general assistant to the vice-president, at the school's annual convocation. Congratulating the four recipients on their success, he expressed the hope that they would all go on to university, following up the splendid scholastic record they had established to date.

THE AGE OF CHIVALRY

The latest definition of a gentleman: One who never hits a lady where it shows.



JOHN BIRNEY'S RINK FIRST WINNERS OF NUTE TROPHY



John Birney's rink emerged from a 10-team playoff as first champions of Copper Cliff Curling Club's new junior section, and first winners of the Memorial Trophy presented by the wife and family of the late C. W. "Sammy" Nute to stimulate interest in curling among Copper Cliff boys.

The winners, photographed above with their prize, are John Birney, skip; Louis Core, Laurent Boire, and Bernard Leclair.

Provided with all the Curling Club facilities free of charge, including the sage advice of the senior members, about 50 boys made the innovation of a junior section a thumping success, and came through with some curling that made the old boys sit up and take notice. As a means of spreading the gospel of the grand old game, and of opening a new sport to the young fellows of the town, the junior curling section is a bright feather in the tams of President Alex Godfrey and his Club.

Jimmy Cochrane Repeats

For the second year in succession Jimmy Cochrane, the veteran Westerner who again spent the winter with relatives in the district, skipped the winning rink in the annual joust for the Collins Cup. Other members of his team were W. Byers, Hurtubise, O'Leary, and MacClellan. Runners-up were a Copper Refinery lineup of Clarence Beach (skip), A. Crossgrove, M. Luck, R. Rodgers, E. Rabreau. They say the final game for this coveted prize was a honey, with Cochrane pulling out a win by the skin of his teeth against the brilliant curling of Beach.

Results in other club events run off during the season follow:

Inter-Rink: Winners: H. Hudson (skip), F. Clark, N. Leore, J. Heintock. Runners-up: A. Boyd (skip), L. Ryski, D. McPherson, H. Sawyer.

Colts: Winners: A. Boyd (skip), D. McPherson, E. Crouse, J. Simpson. Runners-up: E. Stoneman (skip), J. Lilley, W. C. Sinclair, N. Leore.

Single Rink, Main Event: Winners: W. C. Jarrett (skip), A. Scamnell, H. Jessup, R. McIntosh. Runners-up: G. Telford (skip), E. Stoneman, V. Johnston, C. Marcolini.

Single Rink, Consolation: Winners: R. Saddington (skip), R. M. Boyter, R. Silver, J. Fraser. Runners-up: T. J. Birney (skip), O. W. Chester, K. Glynn, W. F. Jones.

Waterbury, Shift League: Winners: J. Morrison (skip), J. McDonald, G. Hushey, C.

Marcolini. Runners-up: K. Madill (skip), Harkins, Langlade, Burchell.

W. C. "Duke" Jarrett skipped a rink which won second prize in the main event of the Capreol Bonspiel, losing out in the final to Cliff Edey of Sudbury. His henchmen were Vern Johnston, Art Silver, Ron Silver. In the same 'spiel Hughie Munro's rink of Joe McDonald, Harold Hudson, and Ned Leore won the consolation event.

SAULT COPS N.O.H.A. TITLE

For the first time since 1925, Sault Ste. Marie Greyhounds won the Northern Ontario Hockey Association championship last month, defeating Sacred Heart College of Sudbury in a semi-final, and then knocking off McIntyre Macmen in the final series. Even the city council whooped with delight when the news was received. In their quest for the all-Ontario title, however, Greyhounds had to bow to Hamilton Tigers.

Porcupine Combines took the measure of Copper Cliff Redmen in the N.O.H.A. junior playoffs, then lost out to Barrie Flyers.

Mining Gives Livelihood To Million People

Last year 100,000 persons were directly employed in Canadian mines, Dr. H. L. Keenleyside, deputy minister of mines and natural resources, told the Sudbury branch of the Canadian Institute of Mining and Metallurgy in an address on the mining industry. When dependents and companies serving the mines are added, he said, the livelihood of more than 1,000,000 people is involved.

Without the mining industry, Dr. Keenleyside said, Canada's economic potential would consist of a narrow strip of settled agricultural land along the United States border. The life of Canadians is affected more by mining than by any other industry with the exception of agriculture.

The importance, and responsibility, of mining to Canada's internal economy could be illustrated, he said, by the impact of the taxes its people would have to pay if the 40 per cent. of railroad freight represented by mining products were taken away from the country's railroads.

"The mining industry of Canada is heading for a greater future than it has known in the history of this country—it will overshadow anything that has been done in the past," Dr. Keenleyside declared. "There are few sections of Canada that can be called adequately explored. If we can keep out of a war, and if reasonable relations can be established between countries, if we can maintain a feeling of democracy and freedom in Canada, the markets are there to take the produce of Canadian mines."

SMALL FRY

The molecule was once believed the smallest form of matter. Until they found the atom, quite an awkward thing to shatter. But now, it seems the atom has a nucleus inside. And deep within the nucleus, a particle is spied. And now I wonder just what form of substance, stuff or article, resides within the body that resides within the particle.

—Harry Lazarus in New York Times.



Popular Couple

Prior to their departure for Port Colborne, Mr. and Mrs. Mills Austin were guests of honor at a large reception given by the Accounting Department at the Copper Cliff Club. Presenting them with gifts from their friends and associates in Inco in the Sudbury District, E. C. Lambert, works auditor, extended best wishes for their happiness and success in their new home. Picture during the reception shows Mrs. Clarence Beach, Mr. and Mrs. Austin, Mr. and Mrs. R. A. Elliott, and Clarence Beach. Mills returns as assistant works auditor of the plant where he first joined the Company in April of 1929. He transferred to the Copper Refinery at Copper Cliff in August, 1930, and to the Mining and Smelting Division at Copper Cliff in October, 1935.

TRIANGLE READERS ARE JUDGES OF THESE PICTURE ENTRIES



Reader-Poll To Decide Winners Picture Contest

As we've already mentioned some place else where we explain why we've got a pretty girl on our front cover this month instead of a bouquet of pussy willows, it's our birthday issue and we feel like celebrating. We'd like to have all the readers of the Triangle join the party, and so have decided to make them the judges of the photo contest.

On the opposite page are what we consider the 12 best snaps submitted for this month's camera-clicking awards. By a happy coincidence they are one of the classic lots we've received in a long time. There's plenty of variety, and evidence of some mighty fine photographic ability.

We want you to select the three you consider best, write down their numbers in order of merit, and send them in to the Editor of the Triangle, Copper Cliff, right away. The snap receiving the most votes will be awarded the \$10.00 first prize, and the other two will earn \$1.00 each.

Please mail your vote right now, while you're thinking of it, and if the author of any of the snaps happens to be your next-door neighbor whose yappy little dog persists in rooting up your strawberry plants every summer, please try not to let that influence your decision in any way.

Barometer of Reader-Interest

The poll will give us a good idea what kind of pictures appeals most to Triangle readers, and also just how general is the interest in the monthly picture contest. Now, rally the family around you and stage your own private little judging bee.

Here's the dope on the entries:

1. Submitted by Ron McFarlane, Levack, who writes, "I am enclosing a snap taken of my young son Sanford and daughter Thelma Joan, taken after Sanford had won the giant Christmas stocking at the Levack Employees Christmas Tree."

2. R. Cogan, who resides in Gatchell and works in the Copper Converter Dept. at the Smelter, sent in this entry. The subject is his son Peter, while wrestling manfully in the snow with his first pair of skis. Peter is 3½, and the picture was made with a Jiffy Kodak #20.

3. This snap was submitted by R. Bohnen of Murray Mine. It was taken in the badlands of Montana while he was on a holiday trip through the States. The car and trailer are his own.

4. Mrs. Floyd Mosier of Levack entered this picture of moonlight on the water, taken a few miles from Kingston.

5. From Myro Kmetz of Frood came this entry, showing the two pets he had back on the farm. Tippy the deer is staging a display of animal love with Teddy the dog.

6. Cecil Brodeur of the Accounting Dept. at Copper Cliff snapped this view of Montmorency Falls, Quebec.

Feline Lunch Counter

7. On her father-in-law's farm near Estevan, Sask., where she visited while on holidays last summer, Mrs. A. Bonokooki caught this picture. Her husband's young brother found a baby skunk in the field and brought it home. Wondering how to keep it alive his father suggested asking the family cat to take it on as a steady boarder. To everyone's amazement she did so quite willingly, and the snap was taken during the luncheon hour.

8. J. J. Schyns of the Research Dept., Copper Cliff, offers this picture, taken on the road between Pentticton and Summerland, B.C. The cliffs at this particular spot rise

straight up from the road, which follows Lake Okanagan. The snap was made with a box camera.

9. Earle Nolan, who lives on Wembley Drive, Sudbury, took this picture of his wife, during a skiing hike near the New Golden Rose mine in Temagami.

10. L. Walford of the Inco police at Creighton Mine sent in this snap showing the United States Capitol reflected at night in the pool on the Capitol plaza. He made the picture last summer while he was on vacation in Washington. The exposure was 1:45 at a tenth of a second.

11. During a holiday at Bemidji, Minn., J. N. Lafreniere of Coniston, who is a roofer in the Nickel Reverberator at Copper Cliff, took this snap of the famous Paul Bunyan and his Blue Ox. He also brought back a gramophone record relating some of Paul's more outstanding feats of strength, including the time he cut a winter road through the tall timber, rolled it up in the spring, and carried it home so he could use it again the next winter.

12. Mrs. Cliff Langman submitted this entry. It's a snap of the fishing tug EDM. Purvis, seen in Lake Huron on the south side of Manitoulin Island.

Well, there are the candidates. Select the three of your choice, and VOTE NOW.

Spaghetti Sauce Fit for Two Kings

A surefire way to win friends and influence people in this neck of the woods is to feed them succulent chicken and spaghetti. And a surefire sauce for the spaghetti is the one served by Mrs. Ivan Fraser, pictured above as she makes with the saucepan in her Sudbury home.

For ingredients Mrs. Fraser takes 6 tbsp. olive oil, 1 small onion, 1 green pepper, 4 med. size tomatoes (or 1 can tomatoes), 3 heaping tbsp. tomato paste, 1 tsp. salt, spices (garlic and all spice).

"Now," she says, flashing us that million-dollar smile, "heat the olive oil in a pan, add chopped onion and diced green pepper. Cook until the onion is golden. Skin the tomatoes in hot water, removing as many of the seeds as possible, cut into small pieces, and add them to the onion and pepper."

"Dissolve the tomato paste in ½ a cup of water and add it to the mixture. Then add the spices. Got that?"

"Okay, then, fry the meat in a little oil



until brown, and add it to the mixture. Simmer it all together, stirring occasionally, until the sauce is thick. Then pour it over the cooked spaghetti, macaroni, or noodles."

Doing-g-g-g! No wonder that Ivan Fraser is such a happy guy as he goes about his work in the Inco Employment Office.

Before her marriage 12 years ago Mrs. Fraser was Emily Sensom, and she was born in Sudbury. She has two sons, George, 10, and Douglas, 8, who lustily share their dad's enthusiasm for her cooking.

TOOK THE BITE OUT OF IT

A columnist, writing in one of the country's religious papers, said: "This reminds me of the clergyman who, finding the task of making two sermons a week too much for him, made one and preached it on Sunday morning with his teeth out and again on Sunday evening with them in."

SHAKY BUSINESS

Her lips quivered as they approached his. His whole frame trembled as he looked into her eyes. Her chin vibrated and his body shuddered as he held her close.

Moral: Never kiss a girl in a jeep with the engine running.



Staged An Upset

Pulling a surprise victory over a highly favored Accounting Department entry, Vern Johnston's Never Splits became first holders of the new T. B. Flynn Trophy for annual competition in men's 5-pins at the Copper Cliff Club. Grouped above with smiling Bert Flynn and the handsome award are the Never or Hardly Ever Splits: on the left, Len Turner and Don Robertson; on the right, Vern Johnston and Aubrey Mills. Runners-up were Arn Ross, George Syer, E. C. Lambert, and Bill DeSoto.

Stacked Up Well in Tough All-Ontario Contest



Although they lost the Calder Trophy to Barrie, the Copper Cliff entry stacked up well against the tough competition which featured the all-Ontario midget N.H.L. tournament in the Lake Simcoe town March 29 and 30. Sporting flashy new sweaters presented to them by Art Ross of the Boston Bruins, the Cliff kids tied with Weston, lost to Barrie 6-1, and walloped Simcoe 22-0, in the round-robin series. Their trip was financed by Copper Cliff Branch of the Canadian Legion, to whom they extend a rousing Thank You!

The team is pictured above: front, Jack Newell, trainer, Ron Lapierre, Dave Cleland, Syward Baker, Mervyn Flynn, Gerry Smith, Don Prescott, Lawrence Cavanaugh, Ernie Canapini, Dario Blondi, Val M. Gauley, coach and manager; back row, G. Telford, Legion sports director, Ted Topazzini, Roy Strong, John Cook, Bobby Pawson, Bob Holden, Don Sylvestre, Jack Camaletti, Doug Prince, Lloyd Sleaver, Billy James, and Duncan Finlayson, Legion president.

John Livingstone Presented With Gold Watch on His Retirement



the pipes was a "must" for every major public event in the district. He built the band to 12 pipers and seven drummers, and then along came the war. All his bandmen who were physically fit went overseas; the remainder, led by his son Bill, formed the nucleus of a new R.C.A.P. pipe band, with Bill as pipe major. It was a proud day for John when the R.C.A.P. band was presented with a tartan of its own, one of only three new tartans officially recognized by Scotland since 1745; the Black Watch and the Cameron Highlanders had received the other two.

John was married at Kilgrammie on Jan. 1, 1901, to Margaret Livingstone, a grand-niece of David Livingstone, the famous explorer. Their eldest son, Walter, resides in Scotland; two other sons, John and Bill, live in Copper Cliff; their daughter, Winnie, is Mrs. Ralph Campbell of Toronto. Another son, Donald, was killed in a motor bike accident when he was 22, and a daughter, Betty (Mrs. James McLennan), died in Copper Cliff in 1931; her son Donald has grown up in the home of his grandparents.

Time for Some Fishing Now

As a younger man John's favorite relaxation was fishing, and he says the gamekeepers of Scotland heaved a mighty sigh of relief when he left the country. He brought a bundle of nine rods with him but has never really had time to try them in Sudbury District waters. Now he thinks there'll be time for some of that, since his new job at the High School only calls for four hours' work a day, and that's not nearly enough to keep a young fellow of 70 out of mischief.

In the picture above John gets a hearty handshake from R. D. Parker, assistant vice-president and general superintendent; in the group are, left to right, W. E. Gillespie, electrical superintendent; E. C. Lambert, works auditor; I. J. Simcox, general assistant to the vice-president; C. C. Chapman, general purchasing agent; J. R. Gordon, assistant vice-president; H. J. Mutz, general superintendent of mines; F. Benard, supervisor of industrial relations; W. T. Waterbury, assistant to the vice-president.

PRINTED IN CANADA

With the bright tartan of the MacDuffs in his tie, and the spring of a caber-tosser in his step, Jock Livingstone might have been leading the parade of the haggis when he came in to the General Office at Copper Cliff on March 31 to say farewell. He was retiring from Inco service; it was his birthday, and he was 70 years of age, but you wouldn't have given him a day over 55.

In R. D. Parker's office a group of the Company executives had gathered to congratulate him on his retirement and wish him the best. "R.D." spoke for them all when he said he didn't know how he was going to get along without John's super-service as dean of the janitor staff. He gave John a fine gold watch, the gift of the executives. John made a very neat speech in which he said he had never experienced such kindness and consideration as had been shown him in his years with Inco.

Tunnelled Through Ben Nevis

Until he came to Copper Cliff in 1930 at the age of 52, John had never done half a day's work above ground since he was 10 years old. That's the tender age at which he started as a coal miner in Scotland. In the years just before he left for Canada, he helped drive mountain tunnels for hydro power developments; he worked in the 15-mile tunnel through Ben Nevis, the highest mountain in Scotland.

In 1930, after 32 weeks of strikes in the mines had almost exhausted the family savings, John's sons decided to strike out for Canada. They thought they'd go to the Peace River country and become farmers but they stopped off at Sudbury en route, and they liked the employment outlook. Their dad joined them soon after.

By 1931 John had organized a bagpipe band, and it wasn't long before the skirl of